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# 中国麻蝇族一新属二新种*

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本文就我国浙江天目山产麻蝇族二新种进行了记述。其中之一隶于一新属，另一隶于鬃麻蝇属的一新亚属。所有正模和副模标本均保存在上海昆虫研究所。

## 须麻蝇属 *Dinemomyia* 新属

模式种：*Dinemomyia nigribasicosta* 新种

属征：♂：颊约为眼高的1/4。前胸侧板中央凹陷无毛，前中鬃缺，后中鬃一对细弱，后背中鬃3。前缘基鳞黑色。第四腹板后端具密集的小毛；第五腹板窗大，侧叶长而端部宽阔。♂尾器：基阳体瘦长；膜状突一对，呈细小的扁须状；侧阳体基部腹突特别发达；中插器大形，侧插器一对相当短小。本属现仅一种。

本属与花麻蝇属 *Phallantha* 近缘，但后者的前缘基鳞淡色，♂第四腹板无密毛被，阳体膜状突大而宽阔，扩展成花朵状。

## 黑鳞须麻蝇 *Dinemomyia nigribasicosta* 新种（图1—4）

♂：体长8—10毫米。头顶、侧额上部及间额黑，外顶鬃明显，侧额大部、侧颜及中颜板具银白色粉被。额约为一眼宽的1/2，间额约为一侧额的3倍宽，额鬃列由10个鬃组成，下方的3个弯向外侧，侧颜具1—2排侧颜鬃，下方的5—6个较长，其长度约等于侧颜宽。触角第三节约为第二节的1.5倍长，裸端约占芒长的1/2；颊高约为眼高的1/4，颊毛全黑，在颊后头沟紧后方尚有少数黑毛。胸：前胸侧板中央凹陷无毛，前气门棕黑色，前中鬃缺，后中鬃1对很细弱，背中鬃2＋3，腹侧片鬃1:1:1。翅：前缘基鳞黑色，翅脉棕色，前缘脉第三脉段稍大于或接近于第五脉段之长，$r_1$ 脉裸，r-m 脉处稍带暗晕。腋瓣白色，仅在上、下腋瓣交接处部分缘缨淡灰黄色。中足胫节后腹面有不很长的毛，中足股节腹面缨毛长而密，后足胫节后腹面缨毛特长，最长等于该胫节长的1/2。腹：腹部富黑色，银白色粉被斑十分显明，第三背板无中缘鬃，第一至四各腹板具长毛，第四腹板除侧缘有稀疏的长毛外，向后方去有很密集的小毛，但不形成明确的斑；第五腹板长形，侧叶亦长而后段宽阔，末端无长毛而有小片疏粉被，内侧的鬃不太粗，窗稍大，略呈长三角形。第七、八合腹节无缘鬃，第九背板亮黑色。♂尾器：肛尾叶侧面观端部尖削，微向前弯，分枝部约占全长的3/8；侧尾叶亚三角形。前阳基侧突长，末端略尖。基阳体瘦长，约为阳茎长的$1\frac{1}{2}$倍；膜状突如一对细小的扁须；侧阳体基部腹突叶状，其端部向前方抱合；侧阳体端部侧突为一纵卷的剑形骨片；中插器大形，略呈直角形向前方弯曲；侧插器常形，稍小，

* 此项工作蒙范滋德同志帮助。

外观不易见到。

产地：浙江[天目山 1,500 米(正模：♂ 1964. X. 16;副模：2♂♂ 1964. IX. 12. )]。

### 钩鬃麻蝇亚属 *Hamimembrana* 新亚属

模式种：*Tricholioproctia* (*Hamimembrana*) *gracilior* 新种

隶鬃麻蝇属 *Tricholioproctia* Baranoff, 1938;新亚属与指名亚属区别点如下：

1(2) 膜状突基部没有一对向下伸的骨化钩……………………………… **鬃麻蝇亚属 *Tricholioproctia* (s.str.)**

2(1) 膜状突基部有一对向下伸的骨化钩…………………………钩鬃麻蝇亚属 ***Hamimembrana* subgen. nov.**

### 瘦钩鬃麻蝇 *Tricholioproctia* (*Hamimembrana*) *gracilior* 新种(图 5—9)

♂：体长 17 毫米。头：额宽约为一眼宽的 1/2，间额为一侧额的 2 倍宽，额鬃列由 12—13 个鬃组成，下方的 3 个弯向外侧，外顶鬃不发达，侧颜鬃一行，下方最长的鬃不及侧颜宽。触角第三节为第二节的 3 倍长，裸端约占芒长的 1/3。颊大部具黑毛，仅在颊后头沟前方着生数个白毛。翅：透明，前缘脉第三脉段约为第五脉段的 1.5 倍，$r_1$ 脉裸。足：中、后足股节具缨毛，后足胫节后腹面缨毛尤长。腹：第四腹板呈两端圆形的长方形，其端部的刚毛斑近似菱形；第五背板上的一对近中暗色斑，由节前缘向后侧方延伸几达后缘；第七、八合腹节长约为高的 1/2，无缘鬃。肛尾叶分枝部向上去全部具毛，侧尾叶近于三角形，前阳基侧突近中部急激向前弯曲，中部外侧沿前缘有片状突，末端侧面观尖，腹面观圆钝，后阳基侧突长三角形，末端略呈爪状。膜状突一对扩展成片，其下内缘向上卷，基部下伸的骨化枝细而直，末端有小钩；侧阳体基部腹突为一内抱的小骨片，侧阳体端部侧突末端具二个小齿。体色：胸、腹粉被微带淡黄灰色，间额黑色，侧额、侧颜具金黄色粉被，中颜板金黄色粉被稍淡，颊淡黄灰色，下颚须黑色，第九背板亮黑色。

本新种与银翅鬃麻蝇 *Tricholioproctia* (*Hamimembrana*) *mimobasalis* Ma 极为近似，两者主要区别如下：

| 特征 (♂) \ 种名 | 银翅鬃麻蝇 *T.* (*H.*) *mimobasalis* Ma | 瘦钩鬃麻蝇 *T.* (*H.*) *gracilior* 新种 |
|---|---|---|
| 上、下腋瓣交接处的毛 | 有部分灰毛 | 全为白毛 |
| 第四腹板刚毛斑 | 刚毛斑呈半圆形 | 刚毛斑似菱形 |
| 第五背板近中暗色纵斑 | 纵斑短，其长为该节之半 | 纵斑较长，向后外方延伸几达后缘 |
| 第七、八合腹节 | 长为高的 2 倍 | 长为高的 1/2 |
| 肛尾叶 | 肛尾叶分枝部向上去有大片无毛区 | 肛尾叶分枝部向上去全部具毛 |
| 侧尾叶 | 长 形 | 近于三角形 |
| 膜状突 | 基部下伸的骨化钩较粗 | 基部下伸的骨化钩较细 |

产地：浙江[天目山 1,500 米(正模：♂ 1963. VII. 15. 副模：4♂♂ 日期同正模，1♂ 1964. VII. 4; 1♂ 1964. IX. 12; 1♂1964. IX. 13. )]。

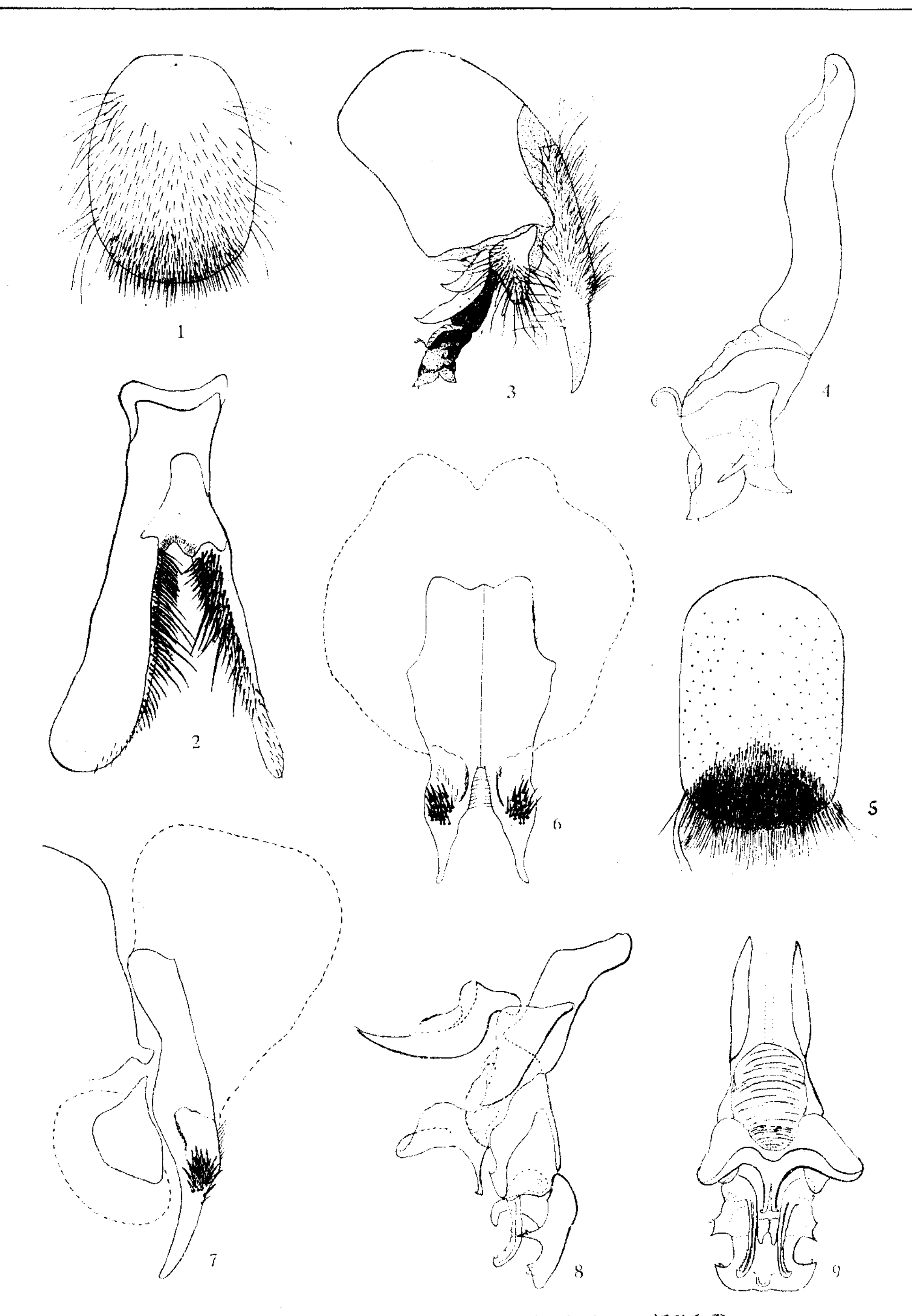



图 1—4 黑鳞须麻蝇 *Dinemomyia nigribasicosta* 新种(♂)
1. 第四腹板; 2. 第五腹板; 3. 尾器; 4. 阳体侧面观
图 5—9 瘦钩鬃麻蝇 *Tricholioproctia* (*Hamimembrana*) *gracilior* 新种(♂)
5. 第四腹板; 6. 肛尾叶后面观; 7. 尾叶; 8. 雄性外生殖器; 9. 阳体前面观

# DESCRIPTIONS OF A NEW GENUS AND TWO NEW SPECIES OF CHINESE FLIES OF THE TRIBE SARCOPHAGINI (DIPTERA: SARCOPHAGIDAE)

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Present paper deals with two new species of Sarcophagini, one of which represents a new genus and another one belongs to a new subgenus of the genus *Tricholioproctia*. Both of them were collected from eastern China. The types are deposited in this Institute.

## *Dinemomyia* gen. nov.

Type species: *Dinemomyia nigribasicosta* sp. nov.

Generic diagnoses: ♂: Bucca about one fourth as high as an eye; depression of propleura bare; *ac* only a very weak prescutellar; posterior *dc* 3; basicosta black; 4th sternite of abdomen with dense pilosity posteriorly. ♂ terminalia: 5th sternite with a large triangular fenestella, its lateral arms broad posteriorly. Basiphallus very slender; a pair of barbel-like membranous processes very simple, delicate and somewhat flattened; the ventral processes of basal part of paraphallus as well as the median stylets well developed, but the lateral stylets short.

Present genus closely related to the genus *Phallantha* Rohd., 1938, but the latter differs from it by having pale basicosta, no densely pilosity on the 4th sternite in male and the membranous processes of phallosome broadly extending as a flower.

## *Dinemomyia nigribasicosta* sp. nov.

♂: Body length 8—10 mm. Interfrontalia three times as wide as a parafrontalia. Basicosta black. Anterior spiracle brownish black. Basiphallus about one and half as long as the aedaegus; membranous processes fine as a pair of narrow palpi; ventral processes of basal part of paraphallus lobe-like and converging apically; lateral processes of the apical part of paraphallus sword-like, chitinized and semi-rolling longitudinally; median process of the same part tongue-like; the horn-like median stylets long, projecting forward, then curving downward and ending in a narrow point; the lateral stylets short and concealed.

Type locality: Tienmu-Shan (holotype ♂, 1500 m, 16. X. 1964; paratypes, 2♂♂), Chekiang Province.

## *Hamimembrana* subgen. nov.

Type species: *Sarcophaga basalis* Walker, 1859.

This new subgenus belongs to the genus *Tricholioproctia* Baranoff, 1938 (type species: *Sarcophaga antilope* Böttcher, 1913), and may be differentiated chiefly from

the nominate subgenus by having the membranous processes consist of paired alar parts with ventral appendage barbed or hooked distally.

***Tricholioproctia (Hamimembrana) gracilior* sp. nov.**

♂: Closely releted to *T. (Hamimembrana) mimobasalis* Ma, 1964, but differing mainly from it as follows:

| Characters (♂) | *T. (H.) mimobasalis* Ma | *T. (H.) gracilior* sp. nov. |
|---|---|---|
| Lateral tuft of hairs on upper calypter | Partly pale gray | Whitish |
| Posterior pilosity area on 4th sternite | Semicircular | Rhomboid |
| Admedian dark stripes on 5th tergite | Only visible in anterior half of the tergite | Extending obliquely and ending just before the posterior margin of the tergite |
| 7-8th synsternite | length twice as height | length one half as height |
| Anal cercus | Basal part largely bare | Basal part wholly long haired |
| Surstylus | Elongate | Subtriangular |
| Membranous process | Ventral appendage rather stout | Ventral appendage thin |

Type locality: Tienmu-Shan (holotype ♂, 1,500 m, 15. VII, 1963; paratypes 7♂♂), Chekiang Province.